

What is claimed is:

1. A method for receiving an identical broadcasting program comprising the steps of searching and outputting a broadcasting program identical to a multiplex broadcasting program from multiplex broadcasting media on the basis of a source ID of the broadcasting program received from broadcasting media.

2. The method of claim 1, wherein the identical broadcasting program is outputted by searching a broadcasting program having the same source ID as the source ID from the multiplex broadcasting media.

3. The method of claim 1, further comprising the step of:  
selecting whether the broadcasting media would be converted by reporting  
the searched identical broadcasting program to a user.

4. The method of claim 1, wherein the source ID is read from a channel information database.

5. The method of claim 1, further comprising the step of:  
displaying a related resultant message to viewers if the identical broadcasting program is not searched from the multiplex broadcasting media.

6. The method of claim 1, further comprising the step of:  
displaying related information to viewers if the identical broadcasting

program is searched from the multiplex broadcasting media.

7. The method of claim 6, wherein the related information is information about the broadcasting media, that is, numbers of channels to which 5 the identical broadcasting program is transmitted.

8. The method of claim 1, wherein the identical broadcasting program searches broadcasting signals in case the broadcasting signals are poor or the broadcasting signals have high sound quality or picture quality.

10 9. A method for receiving an identical broadcasting program, comprising:

reading a source ID of a broadcasting program transmitted from broadcasting media;

15 searching whether the broadcasting program having an identical source ID as the source ID is on the air from multiplex media; and

selecting whether the media would be converted or not by reporting the searching result to the user.

20 10. The method of claim 9, wherein the source ID is read from a channel information database.

11. The method of claim 9, further comprising the step of:

reporting a searching result if an identical program does not exist after

25 searching the source ID;

displaying information about the broadcasting media and numbers of a channel to which the identical broadcasting program is transmitted if the identical program is searched; and

5 converting channel to a channel of a media using a channel information database of the corresponding media when the viewer pushes the selection button.

12. An apparatus for receiving an identical broadcasting program, in an apparatus for outputting an image signal or voice signal by receiving broadcasting signal through multiplex broadcasting media, comprising:

10 an identical broadcasting program searching unit for searching a channel to which a same broadcasting program as a program of a channel selected by a user; and

15 a channel selection unit for selecting a broadcasting signal corresponding to the searched channel.

13. The apparatus of claim 12, wherein the identical broadcasting program searching unit searches a broadcasting program having a same source ID as a source ID of the broadcasting program from the multiplex broadcasting media.

20 14. The apparatus of claim 12, wherein the channel selection unit selects the broadcasting signal selected by the user.

25 15. The apparatus of claim 12, further comprising:

a channel information database for storing channel information

corresponding to the multiplex broadcasting media.

16. The apparatus of claim 12, wherein the identical broadcasting program searching unit searches the channels to receive broadcasting signals which are poor or broadcasting signals having high sound quality or picture quality.

17. An apparatus for receiving an identical broadcasting program, comprising:

a channel selection unit for selecting a broadcasting signal of a channel to which an identical broadcasting program corresponding to a broadcasting program selected by a user is transmitted from a multiplex broadcasting media according to a control signal;

a demultiplexer for separating image and voice signals in the selected broadcasting signal;

15 a decoding unit for decoding and outputting the separated image and voice signals;

a channel information database for storing channel information corresponding to the multiplex broadcasting media;

20 an identical broadcasting program searching unit for searching channels to which an identical broadcasting program corresponding to the program of the channel selected by a user is transmitted from the multiplex broadcasting media by comparing the channel selected by the user and the channel information stored in the channel information database; and

25 a microcomputer for outputting the control signal for converting the channel selected by the user into the searched channel.

18. The apparatus of claim 17, wherein the channel selection unit selects the broadcasting program corresponding to the channel selected by the user.

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19. The apparatus of claim 17, wherein the identical broadcasting program searching unit searches the identical broadcasting program from the multiplex broadcasting media if a channel conversion signal outputted from a remote controller or another input unit is received.

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20. The apparatus of claim 17, wherein the identical broadcasting program searching unit searches the identical broadcasting program to receive broadcasting signals which are poor or broadcasting signals having high sound quality or picture quality.

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21. The apparatus of claim 17, wherein the identical broadcasting program searching unit searches a broadcasting program having a same source ID as a source ID from the multiplex broadcasting media.